

JOB SHEET JS2-3-95
REQUEST AND DISPLAY MULTIPLE WINDOW PRODUCTS FOR SAME LOCATION
(Quarter Screen Display)

INTRODUCTION

As noted in the previous Job Sheet, window products generated for Base Products provide the best resolution possible for interpretation. Window products displayed in quarter-screen mode for various elevation angles are especially useful for storm structure interpretation.

Recall that window products are generated for Base Products using the Graphic Tablet boxes: SWA REF for reflectivity (SWR), SWA VEL for velocity (SWV), and SWA SPECTRUM WIDTH for spectrum width (SWW).

This Job Sheet illustrates how to generate window products for a Base Velocity for four elevation angles and place them in quadrants 1, 2, 3 and 4 of the quarter screen mode.

This is a useful display but a lengthy and cumbersome process to obtain it. A User Function is the best method for such a request/display.

OBJECTIVE

Using the Graphic Tablet, you will request and display a window product for the Base Velocity product at the four lowest elevation angles and then place them in quarter screen mode.

REFERENCES

NWS EHB 6-531-1, USERS GUIDE: PUP/RPGOP Section 4.5.3

PROCEDURE

Graphic Tablet

1. Select a 16 data level, 0.54 nm resolution, 0.5 degree elevation Base Velocity product.
2. Select a storm center point between 32 and 124 nm using the cursor.
3. Select AZRAN SELECT.

4. Select SWA VEL.
 - Recall SWA VEL is the window product for Base Velocity (SWV).
5. Select DEFAULT PARAMETERS.
6. Select LOWEST ELEVATION.
7. Select SEND RPG REQ.
8. Select SWA VEL.
9. Select ELEVATION UP.
10. Select SEND RPG REQ.
11. Repeat Steps 9, 10, and 11 until the four lowest elevation angles are requested.
 - Watch your product receive line for an indication that the products have arrived and are in your data base.
13. Select QUAD 1 after determining that the products are in your data base.
14. Select SWA VEL for the lowest elevation.
 - This step places the most recent SWV product, with the lowest elevation, in quadrant 1 of the quarter screen mode.
15. Repeat Steps 13 and 14 for the other three QUADS and elevation angles until all four products are displayed in the four quadrants.

END